



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

LM11/0316

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AIR MAIL

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/047,272	03/24/98	007	LA, A	2736 03/16/99
First Named Applicant	MOETTEL, 35 USC 154(b) term ext. = 0 Days.			

TITLE OF INVENTION TRAFFIC LAW ENFORCEMENT SYSTEM

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 777	340-933.000	041	UTILITY	YES	\$605.00	06/16/99

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/047,272	03/24/98	MOETTELI	J 777

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EXAMINER

LA, A

ART UNIT	PAPER NUMBER
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2736

9

DATE MAILED: 03/16/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Notice of Allowability

Application No.
09/047,272

Applicant(s)
Moetteli

Examiner
Anh La

Group Art Unit
2736



All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

☒ This communication is responsive to the amendment filed on Feb. 01, 1999 and the interview on Mar. 13, 1999.

☒ The allowed claim(s) is/are 1-7.

☐ The drawings filed on _____ are acceptable.

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☒ Applicant MUST submit NEW FORMAL DRAWINGS

☐ because the originally filed drawings were declared by applicant to be informal.

☐ including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. _____.

☒ including changes required by the proposed drawing correction filed on Feb 1, 1999, which has been approved by the examiner.

☐ including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

☐ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 8

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

☒ Interview Summary, PTO-413

☒ Examiner's Amendment/Comment

☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

☐ Examiner's Statement of Reasons for Allowance

1. Examiner's Amendment:

a. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312.

To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

b. Authorization for this examiner's amendment was given in a telephone interview with John Moetteli on March 13, 1999.

Examiner's Amendment

In the claim:

In claim 2, line 2, the phrase "vice versa" has been changed to --vice versa--.

In claim 3, line 22 (the last line of claim 3), the phrase "at a predetermined" has been changed to --within a predetermined--.

In claim 6, line 10, the phrase "computer and," has been changed to --computer, wherein

within a predetermined amount of time, license plate numbers are deleted from memory when a match is not determined; and,--.

Claim 7 has been changed to:

(amended) A traffic law enforcement system

wherein at least two enforcement units having license plate readers are spaced apart a given distance:

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wherein at least one central computer receives inputs, including license plate numbers of vehicles which pass the license plate readers, from the at least two enforcement units;

wherein the at least two enforcement units and the at least one central computer cooperate to calculate an average velocity of a vehicle which passes between the at least two enforcement units, using the inputs of a) the identity of enforcement units which transmitted matching license plate numbers, and b) time lapsed between the transmission of the matching license plate numbers to the central computer,

wherein at least three enforcement units cooperate with the at least one central computer to identify a vehicle whose average velocity is calculated across the path of the at least three enforcement units and in which at least two images of the vehicle are recorded at different locations for evidentiary purposes; and [The traffic law enforcement system of claim 6] wherein:

the system stores license plate numbers and place and time information into a central database until a match is found within a predetermined amount of time, and,

when a match is found, the system captures and stores a graphical image and associated information, and then reinjects license plate data into the central database together with an associated flag which points to the captured video image of the first match so that a subsequent violation can be associated with a prior violation, thereby enabling law enforcement officials to easily select among stored evidence, and choose the evidence which they may use to support a citation for violating the speed limits while at the same time minimizing the storage resources required of the system.--

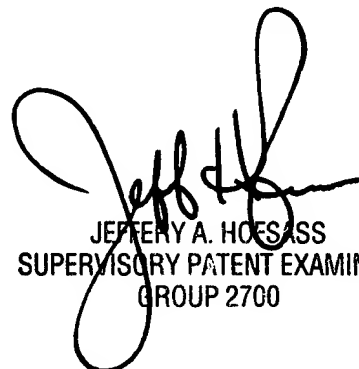
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2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner La whose telephone number is (703) 305-3967. The examiner can normally be reached on Monday--Friday from 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffery Hofsass, can be reached on (703)-305-4717. The fax phone number for this Group is (703)305-3988 .

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-4700.

Anh V. La
November 20, 1998



JEFFERY A. HOFSSASS
SUPERVISORY PATENT EXAMINER
GROUP 2700